

N<sup>o</sup> 9050



A.D. 1890

*Date of Application, 11th June, 1890*

*Complete Specification Left, 11th Mar., 1891—Accepted, 25th Apr., 1891*

PROVISIONAL SPECIFICATION.

Improvements in Artificial Teeth.

I JOHN JOSEPH ROBERT POTTER, of 58, Burghley Road, Kentish Town, in the County of London, Clerk, do hereby declare the nature of this invention to be as follows :—

Up to the present time artificial teeth have been made having one or more pins made of platinum embedded therein and projecting from the back of the tooth this metal having been heretofore used on account of its capacity to withstand the great heat to which the teeth must be subjected in the process of baking. In consequence of the increase in the value of platinum my invention is to substitute gold or such an alloy or alloys of gold as will withstand the heat necessary to bake the tooth instead of platinum as heretofore used. I prefer to use as an alloy the following proportions *vizt.* of gold 16 parts of silver 5 parts of copper 2 parts and of platinum 1 part but I do not bind myself to this combination or to the proportions thereof as stated above.

Dated this 11th day of June 1890.

15 JOHN JOSEPH ROBERT POTTER.

COMPLETE SPECIFICATION.

Improvements in Artificial Teeth.

I JOHN JOSEPH ROBERT POTTER, of No. 35, Willes Road, Kentish Town, London, Clerk, do hereby declare the nature of this invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

At the present time artificial teeth are made of porcelain having one or more pins of wire made of platinum imbedded therein and projecting from the back of the tooth. These pins are imbedded in the tooth before it is baked or fired and platinum is used on account of its capacity to withstand without melting the great heat necessary for baking the teeth.

According to my invention I form artificial teeth with pins made of gold or such an alloy or alloys of gold and other metals as will withstand the intense heat necessary for baking the teeth instead of pins made of platinum alone as heretofore used. •

I find an alloy of the following proportions most suitable for my purpose—

Gold	-	-	-	16 parts.
Silver	-	-	-	6 parts.
Platinum	-	-	-	2 parts.

35 Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is :—

Artificial teeth having pins of gold or an alloy or alloys of gold and other metals substantially as herein described.

40 Dated this 11th day of March 1891.

JOHN J. R. POTTER.







